

I CLAIM:

1. A device for dosed allocation of at least one flowable material component, the device comprising:

at least one supply container receiving the material component, the supply container having an outlet and a screw disposed, without drive but rotatable, in a region of said outlet of said supply container, said screw having an outlet-side screw coupling means; at least one removal means with a container having an inlet, said removal means having a controllable drive disposed in a region of said inlet, said controllable drive having a drive shaft with a shaft coupling means which can be connected to said screw coupling means for secure mutual rotation therewith to remove the material component from the supply container in dosed charges; and means for moving said supply container and said removal means relative to each other.
2. The device of claim 1, wherein an outlet-side end of said screw has a screw closing piece sealing an inner side of said outlet of said supply container, and said drive shaft of said removal means can be axially displaced such that said screw closing piece can be displaced from said outlet of said supply container, after connecting said drive shaft to said screw, through axial displacement of said drive shaft and can also be reinserted therein.
3. The device of claim 2, wherein said drive shaft has a shaft closing piece at its inlet-side end to seal an inner side of said inlet of said removal means.

4. The device of claim 1, wherein said shaft closing piece, said screw, and said screw closing piece can be displaced at said inlet of said removal means after coupling said drive shaft and said screw when said drive shaft is displaced in said container of said removal means, wherein said screw moves into said inlet of said container of said removal means.
5. The device of claim 1, wherein said outlet of said supply container has an outlet connecting piece which receives at least an outlet-side end of said screw, wherein said inlet of said removal means can sealingly engage with said outlet connecting piece.
6. The device of claim 1, wherein said screw and said shaft coupling means, for connecting said drive shaft of said removal means to said screw of said supply container, are each disposed at a respective face of said drive shaft and said screw.
7. The device of claim 1, wherein said shaft and said screw coupling means comprise an outer thread on said drive shaft and an inner thread on said screw.
8. The device of claim 1, further comprising a motor for driving said drive shaft.
9. The device of claim 9, wherein said motor is an electromotor.
10. The device of claim 1, further comprising means for manually driving said drive shaft.
11. The device of claim 1, wherein said removal means comprises a housing through which said drive shaft penetrates at a housing side

facing away from said inlet, wherein said drive is disposed outside said housing.

12. The device of claim 1, wherein said removal means has an associated container scale.

13. A supply container for receiving at least one flowable material component, the supply container comprising:

means defining an component outlet via which the material component can be removed from said supply container; and
a screw disposed, without drive, in a region of said outlet, said screw having an outlet-side screw coupling means for connecting to an external, controllable drive for removal of the material from the supply container in dosed charges.

14. The supply container of claim 13, wherein said screw has a closing piece at an outlet-side end which seals an inner side of said outlet.

15. The supply container of claim 13, wherein said outlet has an outlet connecting piece which receives at least an outlet-side end of said screw.

16. The supply container of claim 13, wherein said coupling means is disposed at an end face of said screw.

17. A removal means for dosed allocation of at least one flowable material disposed in the supply container of claim 13, the removal means comprising:

means defining an inlet which can be connected to the outlet of the supply container;
a drive shaft disposed in a region of said inlet;
a terminal drive coupling means cooperating with said drive shaft for connection to said screw coupling means; and
a controllable drive cooperating with said drive shaft.

18. The removal means of claim 17, wherein said drive shaft can be axially displaced.
19. The removal means of claim 17, wherein said drive shaft has a closing piece at an inlet-side end for sealing an inner side of said inlet.
20. The removal means of claim 17, wherein said drive coupling means is disposed on a face of said drive shaft.
21. The removal means of claim 17, wherein said controllable drive comprises a motor.
22. The removal means of claim 17, wherein said motor is an electromotor.
23. The removal means of claim 17, wherein said controllable drive comprises manual drive means said for said drive shaft.
24. The removal means of claim 17, further comprising a housing through which said drive shaft penetrates said removal means on a side facing away from said inlet, wherein said drive is disposed outside said housing.
25. Container scales cooperating with the removal means of claim 17.

26. An installation for dosed dispensing of flowable material components stored in several of the supply containers of claim 13, the installation comprising movable removal means with container scales capable of cooperating with all supply containers or with a group of supply containers.